

# *New Jersey's Manufacturing Industry Sector*

Prepared by:  
New Jersey Department of Labor & Workforce Development  
Office of Research & Information  
**Bureau of Labor Market Information**  
**Winter 2019-2020**



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# New Jersey Manufacturing Highlights

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- \$47.4 billion to GDP in 2018, 8.5 percent of all output
- Large chemical manufacturing of 43,000, 5<sup>th</sup> behind only Texas, California, Illinois, and Ohio
- Great location offers access to consumers and transportation
- Average wages paid typically higher than most other industries
- \$20 billion in total wages, 8.7 percent of all wages paid
- Workforce trending older



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Source: United States Bureau of Economic Analysis, GDP in Chained 2012 Dollars  
Quarterly Census of Employment and Wages, 2018 Annual Averages  
Current Employment Statistics, 2018 Annual Average  
Prepared by: New Jersey Department of Labor and Workforce Development  
December, 2019

# New Jersey manufactures a wide range of products

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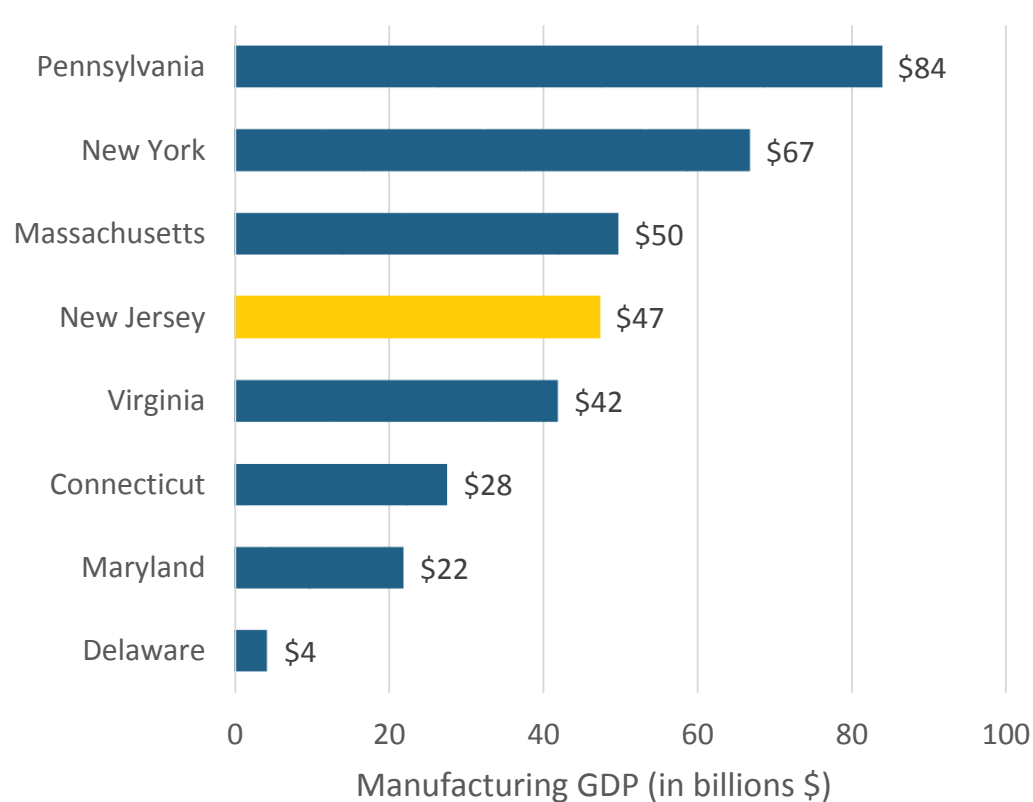
chemical  
glass products  
electronics machinery  
breweries aerospace textiles petroleum  
cabinetry  
bakeries pharmaceuticals  
industrial machinery printing wineries  
plastics defense  
cement products  
food & beverage  
medical devices



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# GDP from Northeast & Mid-Atlantic states

Gross Domestic Product Generated from Manufacturing  
Selected States, 2018



\$344 billion in GDP, 20 percent of US

NJ 4<sup>th</sup> contributing \$47 billion

Chemical manufacturing in tri-state area (NJ, NY & PA) 15 percent of US (nearly \$43 billion)



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# Employment has been in decline for years, but the last few years have been positive

Employment in NJ down to 6 percent in 2018 from 14.6 percent in 1990

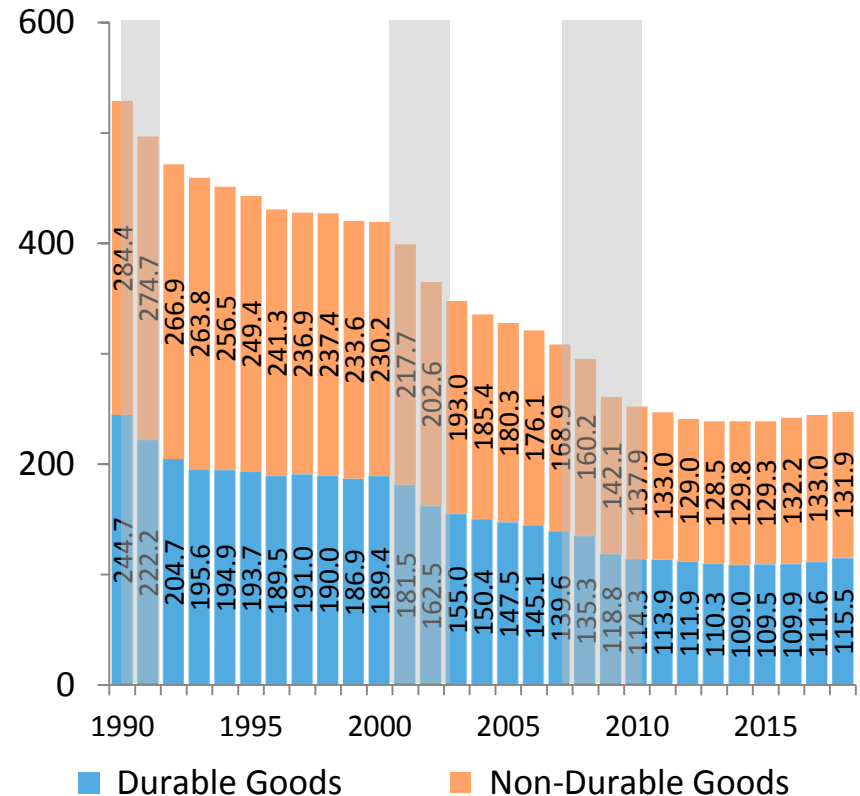
Same trend in US 16.2 percent down to 8.5 percent

Steeper losses during recessions

Nearly 10,000 jobs added since trough in 2013

Gray area denotes U.S. economic recession as defined by the National Bureau of Economic Research (NBER)

Employment (000s) breakdown  
Durable vs. Non-durable Goods  
New Jersey: 1990-2018



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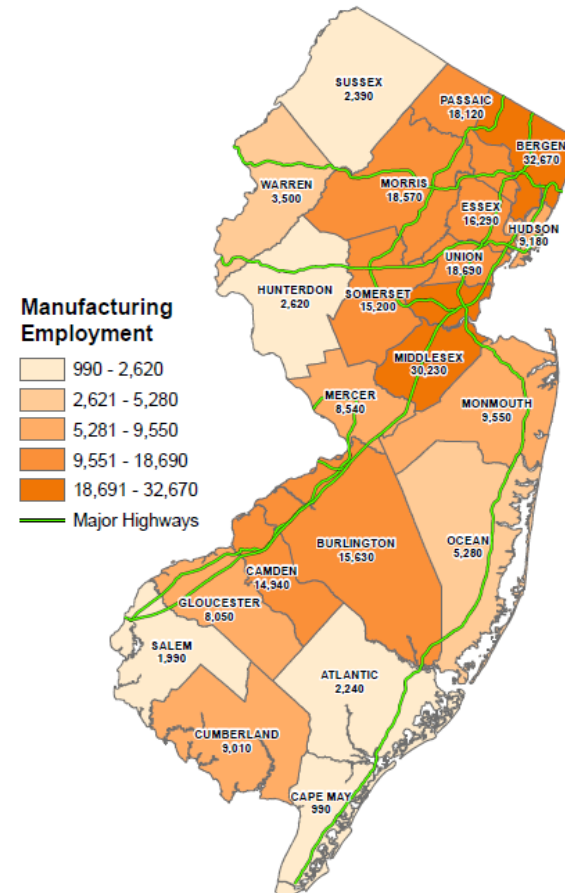
Source: NJLWD, Current Employment Statistics, Annual Averages  
Prepared by: New Jersey Department of Labor and Workforce Development  
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# New Jersey has an optimal location for manufacturing and distribution

*New Jersey offers unique business advantages including:*

- 40 percent of the US population within a day's drive, or around 100 million potential consumers
- highly educated and very diverse workforce
- extensive transportation network includes land, air, and sea

Manufacturing Employment  
New Jersey, 2018

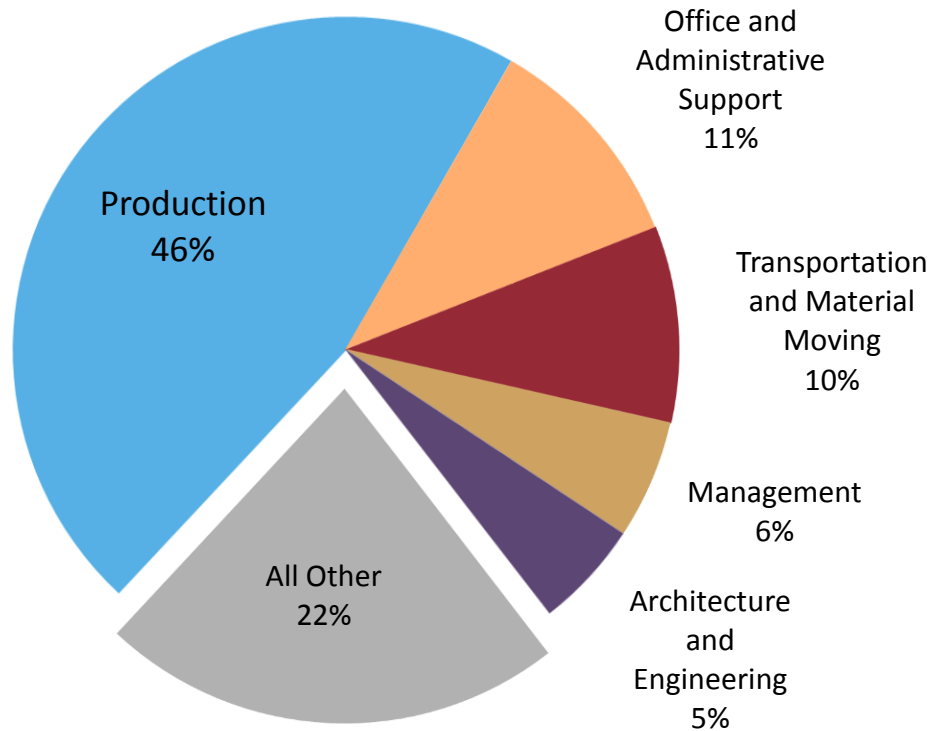


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Source: NJLWD, Quarterly Census of Employment and Wages, 2018 Annual Averages  
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# Employment by occupation type

## Breakdown of Major Occupational Groups within Manufacturing Industry: New Jersey, 2018



Nearly half involved with production

11 percent are STEM occupations

“Other” 22 includes business, sales and other profession and service occupations



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Source: NJLWD, Occupational Employment Statistics Survey, May 2019  
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# Workforce has been aging for the last 20 years

Breakdown of Workforce by Age  
New Jersey: 1998-2018

65+ group tripled to 9 percent



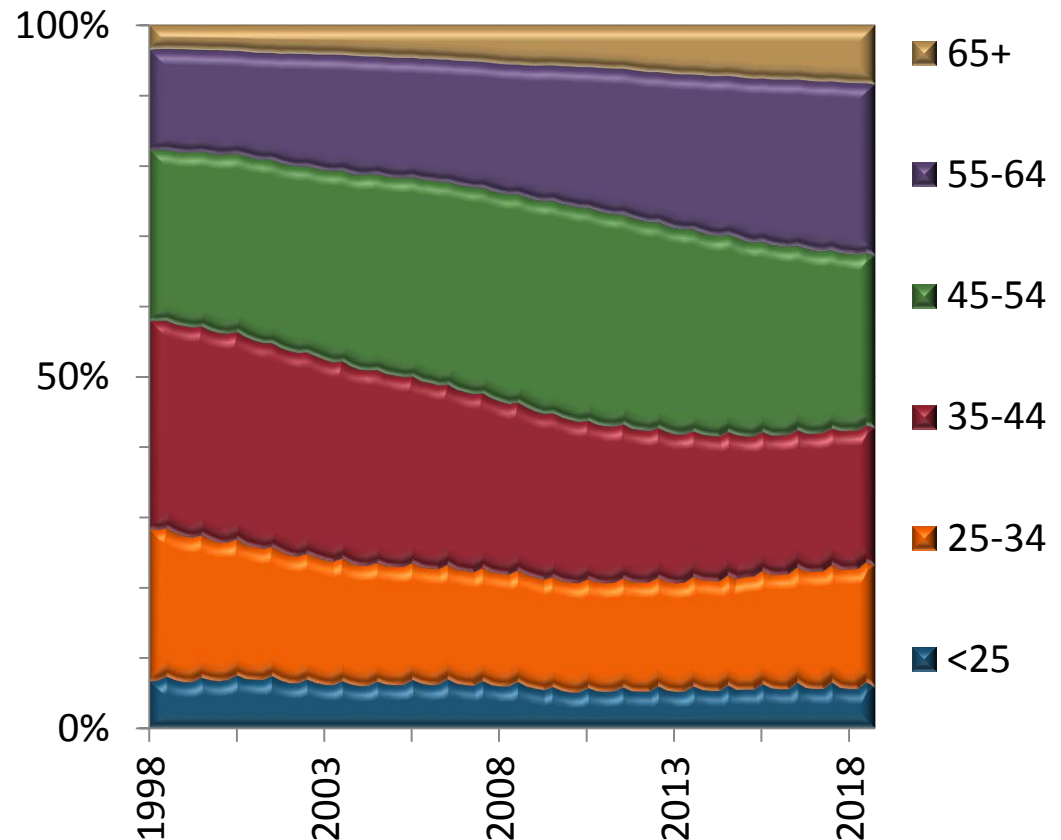
Fastest growing - 55-64



Biggest decline - 35-44



Only 23 percent under 35



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Source: United States Census Bureau, Quarterly Workforce Indicators  
Prepared by: New Jersey Department of Labor and Workforce Development  
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# NEW JERSEY MANUFACTURING INDUSTRY SECTOR CONTACT INFORMATION

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Click [here](#) for more detailed analysis of this industry

New Jersey Department of Labor & Workforce Development

<http://lwd.dol.state.nj.us/>

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[http://lwd.dol.state.nj.us/labor/lpa/LMI\\_index.html](http://lwd.dol.state.nj.us/labor/lpa/LMI_index.html)

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